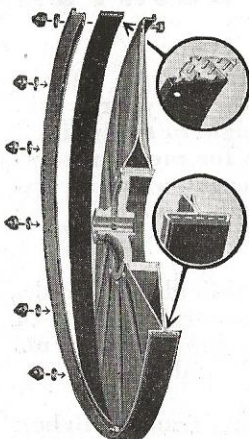


## Defense Specifications are Drastic

### CARTER WHEELS SPEED DEFENSE



That's Why Wright Field, Dayton, Ohio,  
Orders One Hundred Carter Wheels and  
Tires on Band Saws for Airplane Work

CARTER WHEELS AND TIRES eliminate 90% of all sawing accidents. CARTER WHEELS AND TIRES guarantee continuous, trouble-free operation under the most grueling conditions. They are applicable to band saws in the makers' shops or to YOUR machines in YOUR own shops. That's why Navy Yards, Arsenals and Defense Production Plants here and abroad are turning to CARTER WHEELS AND TIRES.

#### MOUNTED IN MINUTES !

Carter Demountable Tires require no glue, no vulcanizing, no special tools—it's all mechanical.

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**CARTER PRODUCTS CO.**

200 Division N.,

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Ask about CARTER GUIDE LINE LIGHT for Rip Saws, etc.

## DIE MACHINE

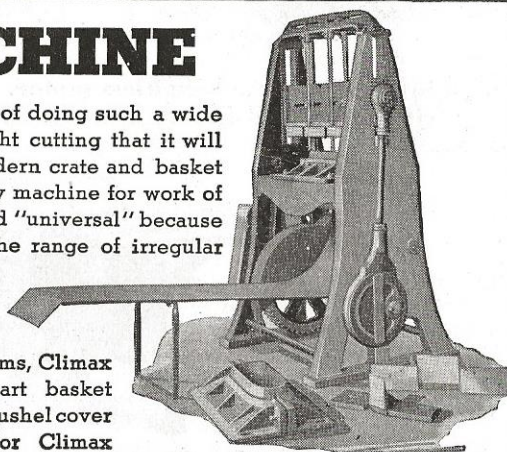
This die machine is capable of doing such a wide variety of irregular and straight cutting that it will be found indispensable in modern crate and basket factories. It is a general utility machine for work of this nature and might be termed "universal" because of its wide adaptability and the range of irregular cutting it can be called upon to do.

It is used in scores of plants for cutting Climax basket bottoms, Climax basket covers, American quart basket blanks, hamper basket staves, bushel cover slats, curved end pieces for Climax baskets, etc.

Send for Bulletin No. M-2 giving complete information.



**MACHINES, INC.**  
**ST. JOSEPH, MICH.**



## Minors in Hazardous Occupations

**H**AZARDOUS Occupation Order No. 5, recently promulgated by the Children's Bureau, United States Department of Labor, affects every type of business using power-driven woodworking machinery which is engaged in interstate commerce either as producer, manufacturer or dealer. Since it would be difficult to find an establishment, no matter what its nature, in which there is not at least one power-driven saw, this order is of interest to industry generally. The very dispersion of cases where the new regulation applies is so great that it is impractical for the Department of Labor to send individual notifications to all concerned. "Wood-Working Machinery" is glad to do its bit in calling the attention of its readers to this regulation, effective August 1, 1941.

The new order declares that certain specified occupations in connection with the operation of power-driven woodworking machines are particularly hazardous for minors between 16 and 18 years of age and detrimental to their health and well-being. The effect of this order is to raise the minimum age for employment in such occupations from 16 to 18 years of age in any establishment subject to the child-labor provisions of the Federal Fair Labor Standards Act of 1938. The following are the specified occupations:

- (1) Operation of power-driven woodworking machines, including helping the operator.
- (2) Setting up, adjusting, repairing, oiling or cleaning power-driven wood-working machines.
- (3) In connection with circular saws

and guillotine-action veneer clippers, removal of material or refuse directly from a saw table or from the point of operation.

The term "power-driven woodworking machines" is defined in the order as all fixed or portable machines or tools driven by power and intended for cutting, shaping, forming, surfacing, nailing, stapling, wire stitching, fastening or otherwise assembling, pressing or printing wood or veneer. While the order applies to off-bearing from circular saws and guillotine action veneer clippers if done directly from a saw table or the point of operation, the Bureau states that the order is not intended to cover workers engaged in removing material or refuse from these machines, if such material has been removed from these danger points by mechanical means or gravity chute. Nor does it apply to workers engaged in moving materials from one machine to another or from one part of the plant to another by hand or by truck, nor to workers arranging, sorting, tying or loading materials—provided that these operations do not involve the removal of material or refuse directly from a saw table or point of operation.

To avoid inadvertent non-compliance it is advisable to obtain at once a copy of this new regulation from the Children's Bureau in Washington. Meanwhile, since the regulation is now in effect, one should check the age status of all employees in any way connected with the operation of power-driven woodworking equipment. The government suggests that all employers protect themselves by securing and keeping on file certificates of age.